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(54) Title: **HEPARANASE ACTIVITY NEUTRALIZING ANTI- HEPARANASE MONOCLONAL ANTIBODY AND OTHER ANTI-HEPARANASE ANTIBODIES**

(57) Abstract: Specific anti-heparanase antibodies which bind specifically to heparanase having sequence homology to human heparanase, which can be used to treat and diagnose conditions associated with heparanase catalytic activity, for purification of heparanase, and for drug development in heparanase associated conditions are disclosed.